


I hereby certify that this correspondence is being deposited with the United States Postal Service first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450, on July 21, 2003

QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.

By

  
Deborah Berwick

Attorney Docket No. 36-000101US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Kenneth J. Micklash II, et al.

Application No.:

Filed:

For: PARALLEL REACTION DEVICES

Examiner: Unassigned

Art Unit: Unassigned

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR § 1.97 and  
§ 1.98

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The references cited on the attached PTO-1449 form are being called to the attention of the Examiner to make of record references cited in parent application USSN 09/947,236 filed September 5, 2001. An additional 1449 form citing additional references is also enclosed. Copies of the newly cited references are enclosed. Pursuant to 37 CFR § 1.98(d), copies of references cited in parent application 09/947,236 filed September 5, 2001 are not provided. However the applicants will gladly provide fresh copies of any references requested by the Examiner.

It is respectfully requested that the cited information on the attached 1449 form(s) be expressly considered during the prosecution of this application, and that references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

Kenneth J. Micklash II, et al.

Application No.:

Page 2

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 50-0893. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Christopher C. Sappenfield  
Reg. No. 45,073

QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.  
P.O. BOX 458  
Alameda, CA 94501  
(510) 337-7871  
Fax (510) 337-7877

CCS:db

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A-B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>	<b>Complete if Known</b>	
	Application Number	<b>Not Y t Kn wn</b>
	Filing Date	<b>July 21, 2003</b>
	First Named Inventor	<b>Kenn th J. Micklash II</b>
	Group Art Unit	<b>Unassigned</b>
	Examiner Name	<b>Unassigned</b>
	Attorney Docket Number	<b>36-000101US</b>
Date Submitted	<b>July 21, 2003</b>	

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
		Number	Kind Code (if known)			
	1	4,685,710		Ghaly	08-11-1987	
	2	4,790,146		Mun et al.	12-13-1988	
	3	5,056,427		Sakabe et al.	10-15-1991	
	4	5,057,282		Linder	10-15-1991	
	5	5,205,015		Huang	04-27-1993	
	6	5,282,543		Picozza et al.	02-01-1994	
	7	6,054,100		Stanchfield, et al.	04-25-2000	
	8	6,106,783		Gamble	08-22-2000	
	9	6,136,273		Seguin et al.	10-24-2000	
	10	6,136,274		Nova et al.	10-24-2000	
	11	6,159,368		Moring et al.	12-12-2000	
	12	6,202,878		Cook	03-20-2001	
	13	6,328,933		Labriola et al.	12-11-2001	
	14	6,379,626	B1	Munson et al.	04-30-2002	
	15	6,447,726		Delucas et al.	09-10-2002	
	16	6,455,005		Berray et al.	09-24-2002	

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if known)				
	17	EP	0 388 159	A2	Sakabe et al.			
	18	JP	06033654	A	Yoshida et al.			
	19	WO	96/09550		Ekenberg et al.			

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	20	HOUGHTEN, 2000 " Parallel array and mixture-based synthetic combinatorial chemistry: Tools for the next millennium," <u>Annu. Rev. Pharmacol. Toxicol.</u> 40:273-282		
Examiner Signature		Date Considered		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A-B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>	<b>Complete if Known</b>	
	Application Number	<b>Not Yet Known</b>
	Filing Date	<b>July 21, 2003</b>
	First Named Inventor	<b>Kenneth J. Micklash II</b>
	Group Art Unit	<b>Unassigned</b>
	Examiner Name	<b>Unassigned</b>
	Attorney Docket Number	<b>36-000101US</b>
	Date Submitted	<b>July 21, 2003</b>

21	THOMPSON, 2000 "Recent Applications of polyersupported reagents and scavengers in combinatorial, parallel, or multistep synthesis, <u>Curr. Opin. Chem. Biol.</u> 4:324-337	
22	BUNIN ET AL., 1999 "Application of combinatorial and parallel synthesis to medicinal chemistry, <u>Annu. Rep. Med. Chem.</u> 34:267-286	
23	BROOKING ET AL., 1999 "Split-split" A multiple synthesiser approach to efficient automated parallel synthesis, <u>Tetrahedron Lett.</u> 40(7):1405-1408	
24	CARGILL AND MAIEFSKI, 1996, "Automated combinatorial chemistry on solid phase," <u>Lab. Robotics, Automation</u> 8:139-148	
25	ZUCKERMANN ET AL., 1992 "Design, construction and application of a fully automated equimolar peptide mixture sythesizer," <u>Int. J. Peptide Prot. Res.</u> 40:497-506	
26	CASTELINO ET AL., 2000 Automated sample storage for drug discovery," <u>Chim. Oggi</u> 17:32-35	
27	DAVIS AND SWAYZE, 2000, "Automated solid-phase synthesis of linear nitrogen-linked compounds," <u>Biotechnol. Bioeng.</u> 71:19-27	
28	GROGER ET AL., 2000 "1,3,5-Triazines, versatile industrial building blocks: Synthetic approaches and applications," <u>Chim. Oggi</u> 18:12-16	
29	HAAG, 2000 "Chemspeed Ltd.: Automated and unattended parallel synthesis integrating work-up and analysis," <u>Chimia</u> 54:163-164	
30	HU ET AL., 2000 "Automated solid-phase synthesis and photophysical properties of oligodeoxynucleotides labeled at 5'-aminothymidine with Ru(bpy)(2)(4-m-4'-cam-bpy)(2+)," <u>Inorg. Chem.</u> 39:2500-2504	
31	LEWIS ET AL., 2000, "Automated high-throughput quantification of combinatorial arrays," <u>American Pharmaceutical Review</u> 3:63-68	
32	NORTH, 2000 "Implementation of analytical technologies in a pharmaceutical development organization-looking into the next millennium," <u>Journal of Automated Methods and Management in Chemistry</u> 22:41-45	
33	KEIFER ET AL., 2000 "Direct-injection NMR (DI-NMR): flow NMR technique for the analysis of combinatorial chemisty libraries," <u>Journal of Combinatorial Chemistry</u> 2:151-171	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A-B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>	<b>Complete if Known</b>	
	Application Number	<b>Not Yet Known</b>
	Filing Date	<b>July 21, 2003</b>
	First Named Inventor	<b>Kenneth J. Micklash II</b>
	Group Art Unit	<b>Unassigned</b>
	Examiner Name	<b>Unassigned</b>
	Attorney Docket Number	<b>36-000101US</b>
Date Submitted	<b>July 21, 2003</b>	

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
	AA	5,582,801		DeWitt et al.	12-10-1996	
	AB	5,846,493		Bankier et al.	12-08-1998	

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.